

ABSTRACT

Aspects of a method and system for supporting communication among a plurality of heterogeneous processing elements of a processing system are described. The aspects include an interconnection network that supports services between any two processing nodes within a plurality of processing nodes. A predefined data word format is utilized for communication among the plurality of processing nodes on the interconnection network, the predefined data word format indicating a desired service. Further, arbitration occurs among communications in the network to ensure fair access to the network by each processing node.

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